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4/7/03

April 7, 2003

Commissioner for Patents
Washington, DC 20231

Re: U.S. Application No. 09/233,218
Filed: January 20, 1999
Title: Nucleic Acid Molecules and Other Molecules
Associated with the Tetrapyrrole Pathway
Applicants: CAJACOB *et al.*
Atty. Docket: 16517.231

Sir:

The following document is forwarded herewith via facsimile for appropriate action by the U.S. Patent and Trademark Office (PTO):

1. an Amendment After Final Rejection.

In the event that extensions of time beyond those petitioned for herewith are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any fees are due in conjunction with this filing. However, if any fees under 37 C.F.R. §§ 1.16 or 1.17 are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter Deposit Account No. 50-2387 referencing matter number 16517.231. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Danielle M. Edwards (Reg. Agent No. 51,645)
Holly L. Prutz (Reg. Attorney No. 47,755)

Enclosures

I hereby certify that the foregoing Amendment is being facsimile transmitted to the attention of Examiner Young Kim, via facsimile number (703) 746-3172.

Danielle Edwards April 7, 2003
Danielle M. Edwards (Reg. Agent No. 51,645) Date

Washington, DC

New York

Los Angeles

Century City

Denver

London

Northern Virginia

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Claire A. CAJACOB *et al.*

Appln. No.: 09/233,218

Filed: January 20, 1999

For: **Nucleic Acid Molecules and Other Molecules
Associated with the Tetrapyrrole Pathway**

Art Unit: 1637

Examiner: Young J. KIM

Atty. Docket: 16517.231

AMENDMENT AFTER FINAL REJECTION

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Final Office Action mailed January 27, 2003 (Paper Number 27), Applicants submit the following amendment and remarks.

I hereby certify that the foregoing Amendment is being facsimile transmitted to the attention of Examiner Young Kim, via facsimile number (703) 746-3172.

Danielle M. Edwards
Danielle M. Edwards (Reg. Agent No. 51,645)

April 7, 2003
Date